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INFORMATION REPORT

PREPARED AND DISSEMINATED BY

CENTRAL INTELLIGENCE AGENCY

COUNTRY

Hungary/USSR

SUBJECT

Hungarian and Soviet Radiation Measuring
Instruments

USAF review completed.

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SUPPLEMENT TO REPORT #

THIS IS UNEVALUATED INFORMATION

This report is the result of a joint collection effort of the Air Force, the Army and CIA, and is disseminated in accordance with the provisions of NSCID No 7.

1. The Budapesti Elektromos Meromuszerek Gyara (Budapest Electric Measuring Instrument Factory) is capable of making radiation detection devices. The following two types can be produced:
 - a. Sugar Szint Mero per Roentgen (Roentgen Radiation Level Counter). This instrument is equipped with a Geiger-Muller counter and is known as the GK-4. "GK" refers to the name of the inventor; "4" to the last of a series of prototypes, and the one acceptable for series production. On file is a sketch of the general configuration and dimensions of this item. The instrument, which measures rates of atomic disintegration per minute, incorporates an ionization chamber and a counting device.
 - b. Sugar Fertozesmero (Radiation Indicator) is much smaller than the GK-4 and only indicates the presence of radiation. I am not aware of any serial designation for this instrument.
Note: It is not clear why types a and b should appear similar, since their functions differ.
2. Very few units of either instrument have been made. Most of the available units are with the Vegyvedelmi Zaslóaly at Nagytarcsa (Chemical Defense Battalion at Nagytarcsa - 47 31 N - 19 17 E) of the HTI (Haditechnikai Intezet - Army Technical Institute). The Vegyvedelmi Parancsnoksag (Chemical Defense Command) in Budapest has one or two of each type.
3. Although both instruments are superior to corresponding Soviet types (the latter are both heavier and larger), the USSR does not permit Hungarian series output. The few instruments on hand are painted light grey.

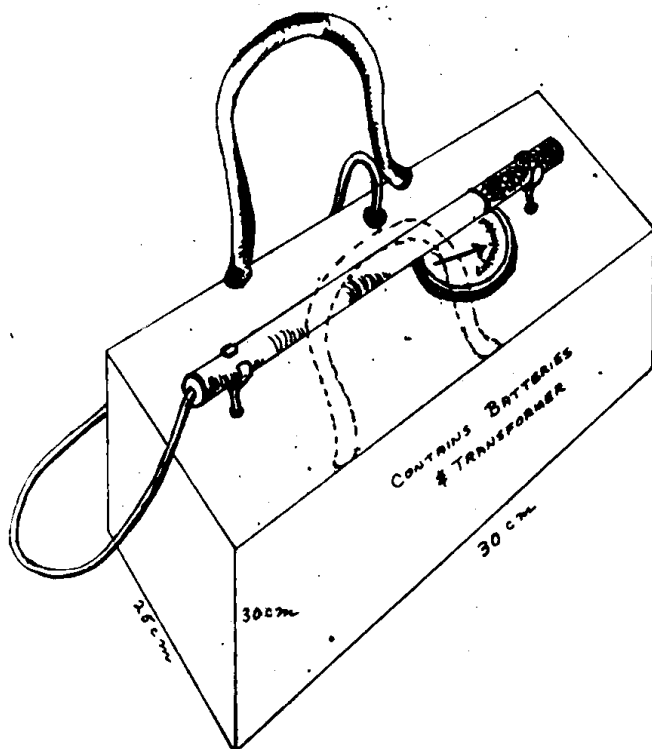
On file is a sketch of the Hungarian Radiation Measuring Instrument - CONFIDENTIAL - and -

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HUNGARIAN RADIATION MEASURING
INSTRUMENT

(SMALLER MODEL AVAILABLE
25 cm LONG, 18 cm WIDE, 15 cm HIGH)

— CONFIDENTIAL —

ENCLOSURE 1

25X1

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